10/019,802

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204BXD

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Jun 03	New e-mail delivery for search results now available
NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 19	APOLLIT offering free connect time in April 2003
NEWS 28	Mar 20	EVENTLINE will be removed from STN
NEWS 29	Mar 24	PATDPAFULL now available on STN
NEWS 30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 31	Mar 24	Indexing from 1957 to 1966 added to records in CA/CAPLUS
NEWS 32	Apr 11	Display formats in DGENE enhanced
NEWS 33	Apr 14	MEDLINE Reload
NEWS 34	Apr 17	Polymer searching in REGISTRY enhanced

NEWS EXPRESS	April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific

research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:15:02 ON 17 APR 2003

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'CAPLUS' ENTERED AT 13:15:14 ON 17 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 17 Apr 2003 VOL 138 ISS 16
FILE LAST UPDATED: 16 Apr 2003 (20030416/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s WO01/01979/pn
L1 0 WO01/01979/PN
(WO1/PN)

=> s WO000101979/pn
L2 0 WO000101979/PN
(WO101979/PN)

=> s (therapeutic agents)
140977 THERAPEUTIC
14199 THERAPEUTICS
151713 THERAPEUTIC
(THERAPEUTIC OR THERAPEUTICS)
864199 AGENTS
L3 11400 (THERAPEUTIC AGENTS)
(THERAPEUTIC(W)AGENTS)

=> s luscombe/au
L4 0 LUSCOMBE/AU

=> s luscombe
L5 7 LUSCOMBE

=> s l3 and l5
L6 0 L3 AND L5

```
=> s (addictive disorders)
           833 ADDICTIVE
             5 ADDICTIVES
           837 ADDICTIVE
                 (ADDICTIVE OR ADDICTIVES)
        121128 DISORDERS
L7          41 (ADDICTIVE DISORDERS)
                 (ADDICTIVE(W)DISORDERS)

=> s l3 and 41
        200812 41
L8          97 L3 AND 41

=> s l3 and l7
L9           0 L3 AND L7

=> s l7 and l5
L10          0 L7 AND L5

=> s (drug misuse)
        472109 DRUG
        255380 DRUGS
        605395 DRUG
                 (DRUG OR DRUGS)
           850 MISUSE
            46 MISUSES
           888 MISUSE
                 (MISUSE OR MISUSES)
L11         23 (DRUG MISUSE)
                 (DRUG(W)MISUSE)

=> s l11 and l7
L12          2 L11 AND L7

=> d l12 1-2 abs ibib
```

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
GI

I

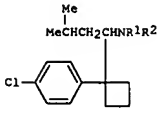
AB Compds. I [m = 0-2; n = 2-5; X = carbonyl,C(R5)(OH) (R5 = H, alkyl); Y = (alkyl-substituted) alkylene; Z = (alkyl-substituted) C2-5 alkylene; R = (halo-substituted) Ph, naphthyl; R1, R2 = H, alkyl, arylalkyl, provided that when R1 is benzyl, R2 is H or methyl], and pharmaceutically acceptable salts thereof, have utility in the treatment of **drug misuse** or other **addictive disorders**.

ACCESSION NUMBER: 2001:31323 CAPLUS
DOCUMENT NUMBER: 134:95524
TITLE: Cyclic ethanone and ethanol derivatives for the treatment of **drug misuse** or other **addictive disorders**
INVENTOR(S): Luscombe, Graham Paul; Needham, Patricia Lesley
PATENT ASSIGNEE(S): Knoll Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001001979	A1	20010111	WO 2000-EP5736	20000621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1198229	A1	20020424	EP 2000-943853	20000621
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003503452	T2	20030128	JP 2001-507472	20000621

PRIORITY APPLN. INFO.: GB 1999-15617 A 19990705
WO 2000-EP5736 W 20000621
OTHER SOURCE(S): MARPAT 134:95524
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
GI



I

AB A compd. of formula (I) or a pharmaceutically acceptable salt thereof in which R1 and R2 are independently H or Me (for example, N,N-dimethyl-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine hydrochloride optionally in the form of its monohydrate) is used for treating disorders arising from **drug misuse** or other **addictive disorders**. Conditions which may be treated with I includes disorders arising from **drug misuse**, aiding in the cessation of **drug misuse** including drug withdrawal syndromes.

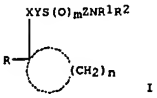
ACCESSION NUMBER: 2000:688009 CAPLUS
DOCUMENT NUMBER: 133:261533
TITLE: Methods of treating disorders relating to the pharmacology of **drug misuse** and other **addictive disorders**
INVENTOR(S): Mendel, Carl M.; Seaton, Timothy B.; Weinstein, Steve P.
PATENT ASSIGNEE(S): Knoll Pharmaceutical Company, USA
SOURCE: PCT Int. Appl., 16 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000056148	A1	20000928	WO 2000-US7111	20000317
W: AT, AU, BG, BR, CA, CN, CZ, DE, DK, ES, FI, GB, HR, HU, ID, IL, IN, IS, JP, KR, LT, LU, LV, MX, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, TR, UA, ZA				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 6346549	B1	20020212	US 2000-527726	20000317

PRIORITY APPLN. INFO.: US 1999-125112P P 19990319
OTHER SOURCE(S): MARPAT 133:261533
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
=>  s 2001:31323/an
L13           1 2001:31323/AN

=> d l13 abs ibib
```

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
GI



I

AB Compds. I [m = 0-2; n = 2-5; X = carbonyl,C(R5)(OH) (R5 = H, alkyl); Y = (alkyl-substituted) alkylene; Z = (alkyl-substituted) C2-5 alkylene; R = (halo-substituted) Ph, naphthyl; R1, R2 = H, alkyl, arylalkyl, provided that when R1 is benzyl, R2 is H or methyl], and pharmaceutically acceptable salts thereof, have utility in the treatment of drug misuse or other addictive disorders.

ACCESSION NUMBER: 2001:31323 CAPLUS
DOCUMENT NUMBER: 134:95524
TITLE: Cyclic ethanone and ethanol derivatives for the treatment of drug misuse or other addictive disorders
INVENTOR(S): Luscombe, Graham Paul; Needham, Patricia Lesley
PATENT ASSIGNEE(S): Knoll Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001001979	A1	20010111	WO 2000-EP5736	20000621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1198229	A1	20020424	EP 2000-943853	20000621
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003503452	T2	20030128	JP 2001-507472	20000621

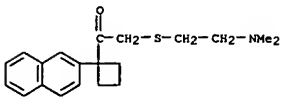
PRIORITY APPLN. INFO.: GB 1999-15617 A 19990705
WO 2000-EP5736 W 20000621

OTHER SOURCE(S): MARPAT 134:95524
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
=> select rn
ENTER ANSWER SET OR SMARTSELECT L# OR (L13):l13
ENTER ANSWER NUMBER OR RANGE (1-):1-
E1 THROUGH E22 ASSIGNED

=> fil reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    31.75      31.96

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -1.95      -1.95

FILE 'REGISTRY' ENTERED AT 13:20:45 ON 17 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   16 APR 2003  HIGHEST RN 503266-82-8
DICTIONARY FILE UPDATES:  16 APR 2003  HIGHEST RN 503266-82-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> s e1-e22
             1 161189-94-2/BI
               (161189-94-2/RN)
             1 161189-98-6/BI
               (161189-98-6/RN)
             1 161190-01-8/BI
               (161190-01-8/RN)
             1 161190-02-9/BI
               (161190-02-9/RN)
             1 161190-07-4/BI
               (161190-07-4/RN)
             1 161189-93-1/BI
               (161189-93-1/RN)
             1 161189-95-3/BI
               (161189-95-3/RN)
             1 161189-96-4/BI
               (161189-96-4/RN)
             1 161189-97-5/BI
               (161189-97-5/RN)
             1 161189-99-7/BI
               (161189-99-7/RN)
             1 161190-00-7/BI
               (161190-00-7/RN)
```

```
                1 161190-03-0/BI
                  (161190-03-0/RN)
                1 161190-04-1/BI
                  (161190-04-1/RN)
                1 161190-05-2/BI
                  (161190-05-2/RN)
                1 161190-06-3/BI
                  (161190-06-3/RN)
                1 161190-08-5/BI
                  (161190-08-5/RN)
                1 300-62-9/BI
                  (300-62-9/RN)
                1 42542-10-9/BI
                  (42542-10-9/RN)
                1 50-36-2/BI
                  (50-36-2/RN)
                1 53-21-4/BI
                  (53-21-4/RN)
                1 54-11-5/BI
                  (54-11-5/RN)
                1 64-17-5/BI
                  (64-17-5/RN)
L14            22 (161189-94-2/BI OR 161189-98-6/BI OR 161190-01-8/BI OR 161190-02
                  -9/BI OR 161190-07-4/BI OR 161189-93-1/BI OR 161189-95-3/BI OR
                  161189-96-4/BI OR 161189-97-5/BI OR 161189-99-7/BI OR 161190-00-
                  7/BI OR 161190-03-0/BI OR 161190-04-1/BI OR 161190-05-2/BI OR
                  161190-06-3/BI OR 161190-08-5/BI OR 300-62-9/BI OR 42542-10-9/BI
                   OR 50-36-2/BI OR 53-21-4/BI OR 54-11-5/BI OR 64-17-5/BI)

=> d scan
```

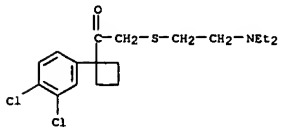
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 2-[[2-(dimethylamino)ethyl]thio]-1-[1-(2-naphthalenyl)cyclobutyl]- (9CI)
MF C20 H25 N O S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):21

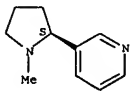
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(diethylamino)ethyl]thio]- (9CI)
MF C18 H25 Cl2 N O S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

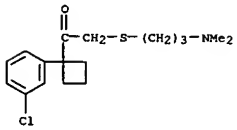
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Pyridine, 3-[(2S)-1-methyl-2-pyrrolidinyl]- (9CI)
MF C10 H14 N2
CI COM

Absolute stereochemistry. Rotation (-).



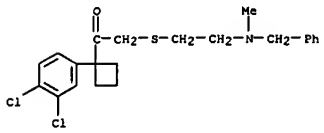
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3-chlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI)
MF C17 H24 Cl N O S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-[methyl(phenylmethyl)amino]ethyl]thio]- (9CI)
MF C22 H25 Cl2 N O S
CI COM

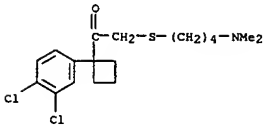


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanol (9CI)
MF C2 H6 O
CI COM

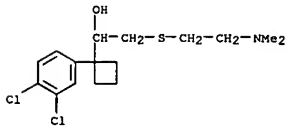
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[4-(dimethylamino)butyl]thio]- (9CI)
MF C18 H25 Cl2 N O S
CI COM



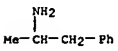
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[2-(dimethylamino)ethyl]thio]methyl]- (9CI)
MF C16 H23 Cl2 N O S
CI COM



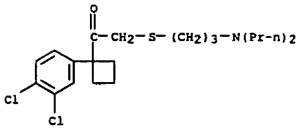
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzeneethanamine, .alpha.-methyl- (9CI)
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT
MF C9 H13 N
CI COM



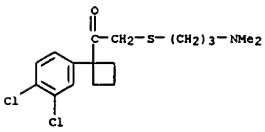
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dipropylamino)propyl]thio]- (9CI)
MF C21 H31 Cl2 N O S



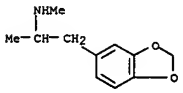
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI)
MF C17 H23 Cl2 N O S
CI COM



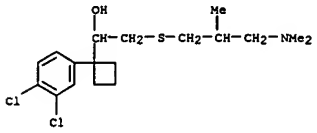
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 1,3-Benzodioxole-5-ethanamine, N,.alpha.-dimethyl- (9CI)
MF C11 H15 N O2
CI COM



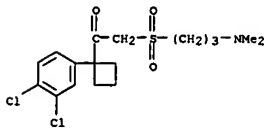
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)-2-methylpropyl]thio]methyl]- (9CI)
MF C18 H27 Cl2 N O S



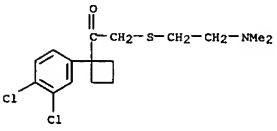
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]sulfonyl]- (9CI)
MF C17 H23 Cl2 N O3 S
CI COM



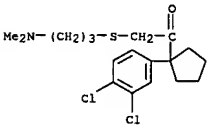
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]thio]- (9CI)
MF C16 H21 Cl2 N O S
CI COM



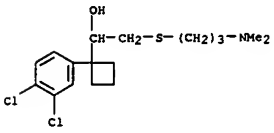
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclopentyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI)
MF C18 H25 Cl2 N O S
CI COM



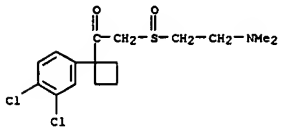
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)propyl]thio]methyl]- (9CI)
MF C17 H25 Cl2 N O S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

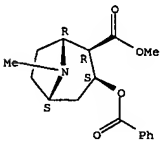
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfinyl]- (9CI)
MF C16 H21 Cl2 N O2 S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

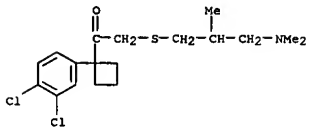
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 3-(benzoyloxy)-8-methyl-, methyl ester, (1R,2R,3S,5S)- (9CI)
MF C17 H21 N O4
CI COM

Absolute stereochemistry. Rotation (-).



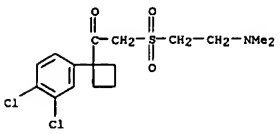
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)-2-methylpropyl]thio]- (9CI)
MF C18 H25 Cl2 N O S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

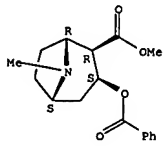
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfonyl]- (9CI)
MF C16 H21 Cl2 N O3 S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 3-(benzoyloxy)-8-methyl-, methyl ester, hydrochloride, (1R,2R,3S,5S)- (9CI)
MF C17 H21 N O4 . Cl H
CI COM

Absolute stereochemistry. Rotation (-).



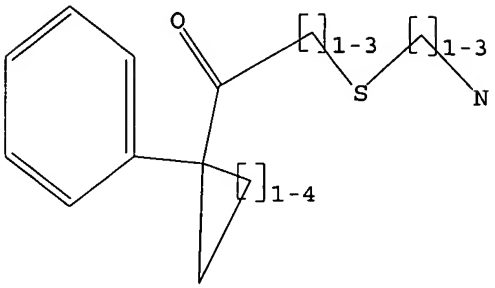
HCl

ALL ANSWERS HAVE BEEN SCANNED

=>
Uploading 10019802.str

L15 STRUCTURE UPLOADED

=> d query
L15 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l15
SAMPLE SEARCH INITIATED 13:28:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5 TO 234
PROJECTED ANSWERS: 3 TO 163

L16 3 SEA SSS SAM L15

=> s l15 full
FULL SEARCH INITIATED 13:28:48 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 49 TO ITERATE

100.0% PROCESSED 49 ITERATIONS 26 ANSWERS
SEARCH TIME: 00.00.01

L17 26 SEA SSS FUL L15

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 153.35 185.31

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE ENTRY TOTAL SESSION
CA SUBSCRIBER PRICE 0.00 -1.95

FILE 'CAPLUS' ENTERED AT 13:28:52 ON 17 APR 2003

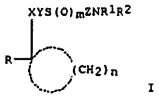
FILE COVERS 1907 - 17 Apr 2003 VOL 138 ISS 16
FILE LAST UPDATED: 16 Apr 2003 (20030416/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l17
L18 4 L17

=> d l18 1-4 abs ibib hitstr

L18 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS
GI



I

AB Compds. I [m = 0-2; n = 2-5; X = carbonyl,C(R5)(OH) (R5 = H, alkyl); Y = (alkyl-substituted) alkylene; Z = (alkyl-substituted) C2-5 alkylene; R = (halo-substituted) Ph, naphthyl; R1, R2 = H, alkyl, arylalkyl, provided that when R1 is benzyl, R2 is H or methyl], and pharmaceutically acceptable salts thereof, have utility in the treatment of drug misuse or other addictive disorders.

ACCESSION NUMBER: 2001:31323 CAPLUS
DOCUMENT NUMBER: 134:95524
TITLE: Cyclic ethanone and ethanol derivatives for the treatment of drug misuse or other addictive disorders
INVENTOR(S): Luscombe, Graham Paul; Needham, Patricia Lesley
PATENT ASSIGNEE(S): Knoll Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

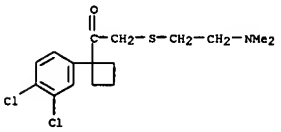
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001001979	A1	20010111	WO 2000-EP5736	20000621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1198229	A1	20020424	EP 2000-943853	20000621
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003503452	T2	20030128	JP 2001-507472	20000621

PRIORITY APPLN. INFO.: GB 1999-15617 A 19990705
WO 2000-EP5736 W 20000621

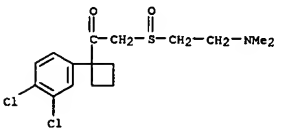
OTHER SOURCE(S): MARPAT 134:95524

IT **161189-93-1 161189-94-2 161189-94-2D, enantiomers 161189-95-3 161189-96-4 161189-97-5 161189-99-7 161190-00-7 161190-02-9 161190-02-9D, enantiomers 161190-03-0 161190-04-1 161190-06-3 161190-08-5**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (cyclic ethanone and ethanol derivs. for treatment of drug misuse or other addictive disorder)

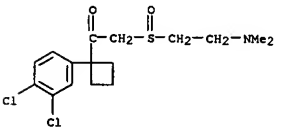
RN 161189-93-1 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]thio]- (9CI) (CA INDEX NAME)



RN 161189-94-2 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfinyl]- (9CI) (CA INDEX NAME)

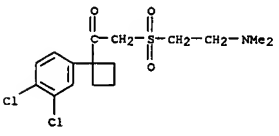


RN 161189-94-2 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfinyl]- (9CI) (CA INDEX NAME)

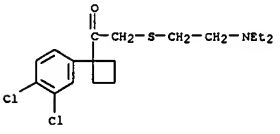


RN 161189-95-3 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfonyl]- (9CI) (CA INDEX NAME)

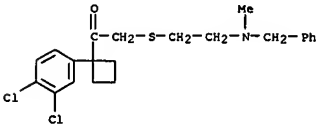
L18 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS (Continued)



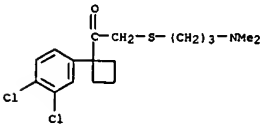
RN 161189-96-4 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(diethylamino)ethyl]thio]- (9CI) (CA INDEX NAME)



RN 161189-97-5 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-[methyl(phenylmethyl)amino]ethyl]thio]- (9CI) (CA INDEX NAME)

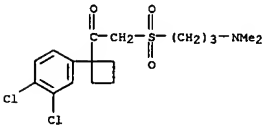


RN 161189-99-7 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI) (CA INDEX NAME)

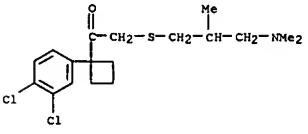


L18 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS (Continued)

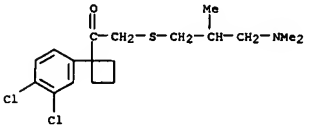
RN 161190-00-7 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]sulfonyl]- (9CI) (CA INDEX NAME)



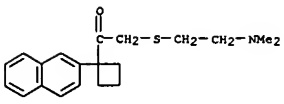
RN 161190-02-9 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)-2-methylpropyl]thio]- (9CI) (CA INDEX NAME)



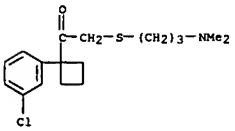
RN 161190-02-9 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)-2-methylpropyl]thio]- (9CI) (CA INDEX NAME)



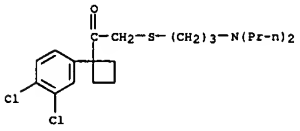
RN 161190-03-0 CAPLUS
CN Ethanone, 2-[[2-(dimethylamino)ethyl]thio]-1-[1-(2-naphthalenyl)cyclobutyl]- (9CI) (CA INDEX NAME)



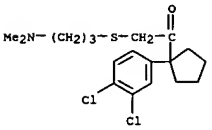
RN 161190-04-1 CAPLUS
CN Ethanone, 1-[1-(3-chlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI) (CA INDEX NAME)



RN 161190-06-3 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dipropylamino)propyl]thio]- (9CI) (CA INDEX NAME)



RN 161190-08-5 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclopentyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI) (CA INDEX NAME)

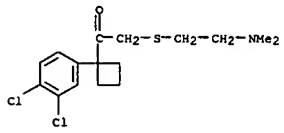


REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

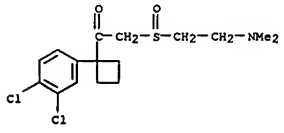
L18 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS
GI For diagram(s), see printed CA Issue.
AB Title compds. [I; m = 0-2; n = 2-5; X = CO, CH(OH)R5; R5 = H, alkyl; Y, Z = (alkyl-substituted) alkylene; R = (substituted) Ph, naphthyl; R1, R2 = H, alkyl, arylalkyl; when R1 = benzyl, then R2 = H, Me], were prepd. I are useful in treatment of depression, anxiety, Parkinson's disease, obesity, cognitive disorders, seizures, neurol. disorders such as epilepsy, and as neuroprotective agents to protect against conditions such as stroke. Thus, 1-(3,4-dichlorophenyl)cyclobutanecarbonitrile reacted with MeMgI in Et2O to give 1-[1-(3,4-dichlorophenyl)cyclobutyl]ethanone. This was treated with Br2 in MeOH/CHCl3 to give 2-bromo-1-[1-(3,4-dichlorophenyl)cyclobutyl]ethanone, which was stirred with 2-(dimethylamino)ethanethiol hydrochloride in EtOH to give an oil which was treated with HCl in Et2O to give 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[2-(dimethylamino)ethylthio]ethanone hydrochloride. This showed ED50 = 8.5 mg/kg for inhibition of reserpine-induced ptosis in rats.
ACCESSION NUMBER: 1995:380315 CAPLUS
DOCUMENT NUMBER: 122:160268
TITLE: Preparation of arylcycloalkyl sulfides, sulfoxides and sulfones for the treatment of depression, anxiety, Parkinson's disease. etc.
INVENTOR(S): Harris, Paul John; Heal, David John
PATENT ASSIGNEE(S): Boots Co. PLC, UK
SOURCE: PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9426704	A1	19941124	WO 1994-EP1494	19940507
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2162706	AA	19941124	CA 1994-2162706	19940507
AU 9468433	A1	19941212	AU 1994-68433	19940507
AU 681669	B2	19970904		
BR 9406577	A	19960130	BR 1994-6577	19940507
EP 715620	A1	19960612	EP 1994-916944	19940507
EP 715620	B1	19981028		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 08510222	T2	19961029	JP 1994-524946	19940507
AT 172719	E	19981115	AT 1994-916944	19940507
ES 2124411	T3	19990201	ES 1994-916944	19940507
PL 176400	B1	19990531	PL 1994-311628	19940507
RU 2135467	C1	19990827	RU 1995-122740	19940507
RO 115519	B1	20000330	RO 1995-1958	19940507
SK 281257	B6	20010118	SK 1995-1407	19940507
ZA 9403241	A	19941114	ZA 1994-3241	19940511
IN 178003	A	19970301	IN 1994-MA393	19940511
IL 109635	A1	19980310	IL 1994-109635	19940512
FI 9505429	A	19960103	FI 1995-5429	19951110
NO 9504542	A	19960110	NO 1995-4542	19951110
US 5652271	A	19970729	US 1995-545752	19951222

PRIORITY APPLN. INFO.: GB 1993-9749 A 19930512
WO 1994-EP1494 W 19940507
OTHER SOURCE(S): MARPAT 122:160268
IT 161189-93-1P 161189-94-2P 161189-95-3P
161189-96-4P 161189-97-5P 161189-99-7P
161190-00-7P 161190-02-9P 161190-03-0P
161190-04-1P 161190-06-3P 161190-08-5P
161190-09-6P 161190-10-9P 161190-11-0P
161190-12-1P 161190-13-2P 161190-15-4P
161190-16-5P 161190-17-6P 161190-18-7P
161190-19-8P 161190-21-2P 161190-26-7P
161190-27-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of arylcycloalkyl sulfides and sulfoxides and sulfones for treatment of depression and anxiety and Parkinson's disease)
RN 161189-93-1 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]thio]- (9CI) (CA INDEX NAME)

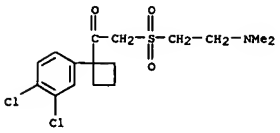


RN 161189-94-2 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfinyl]- (9CI) (CA INDEX NAME)

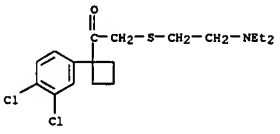


RN 161189-95-3 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfonyl]- (9CI) (CA INDEX NAME)

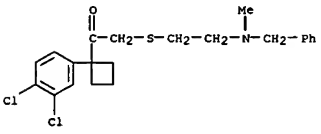
L18 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS (Continued)



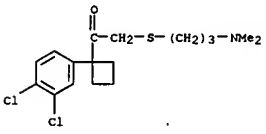
RN 161189-96-4 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(diethylamino)ethyl]thio]- (9CI) (CA INDEX NAME)



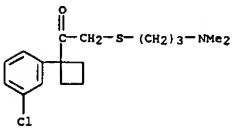
RN 161189-97-5 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-[methyl(phenylmethyl)amino]ethyl]thio]- (9CI) (CA INDEX NAME)



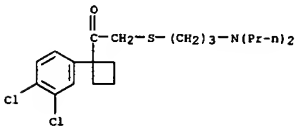
RN 161189-99-7 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI) (CA INDEX NAME)



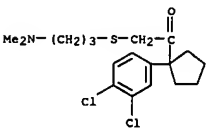
L18 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 161190-06-3 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dipropylamino)propyl]thio]- (9CI) (CA INDEX NAME)



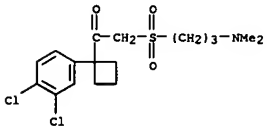
RN 161190-08-5 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclopentyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI) (CA INDEX NAME)



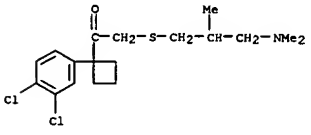
RN 161190-09-6 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]thio]-, hydrochloride (9CI) (CA INDEX NAME)

L18 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS (Continued)

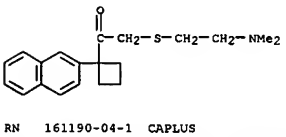
RN 161190-00-7 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 161190-02-9 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)-2-methylpropyl]thio]- (9CI) (CA INDEX NAME)

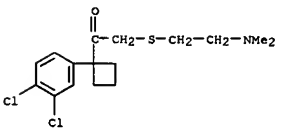


RN 161190-03-0 CAPLUS
CN Ethanone, 2-[[2-(dimethylamino)ethyl]thio]-1-[1-(2-naphthalenyl)cyclobutyl]- (9CI) (CA INDEX NAME)



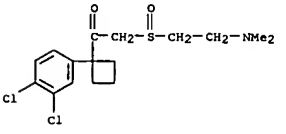
RN 161190-04-1 CAPLUS
CN Ethanone, 1-[1-(3-chlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI) (CA INDEX NAME)

L18 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS (Continued)



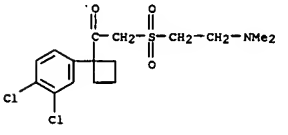
● HCl

RN 161190-10-9 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfinyl]-, hydrochloride (9CI) (CA INDEX NAME)



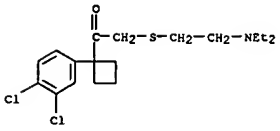
● HCl

RN 161190-11-0 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfonyl]-, hydrochloride (9CI) (CA INDEX NAME)



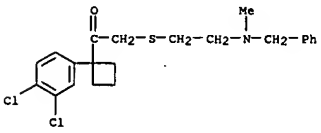
● HCl

RN 161190-12-1 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(diethylamino)ethyl]thio]-, hydrochloride (9CI) (CA INDEX NAME)



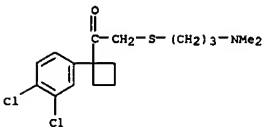
● HCl

RN 161190-13-2 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-[methyl(phenylmethyl)amino]ethyl]thio]-, hydrochloride (9CI) (CA INDEX NAME)



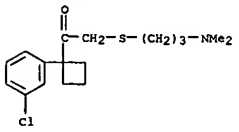
● HCl

RN 161190-15-4 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 161190-16-5 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]sulfonyl]-, hydrochloride (9CI) (CA INDEX NAME)

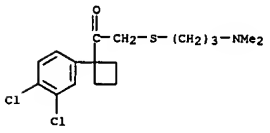


● HCl

RN 161190-21-2 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

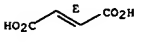
CRN 161189-99-7
CMF C17 H23 Cl2 N O S



CM 2

CRN 110-17-8
CMF C4 H4 O4

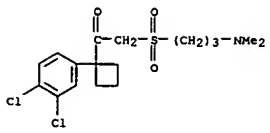
Double bond geometry as shown.



RN 161190-26-7 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (9CI) (CA INDEX NAME)

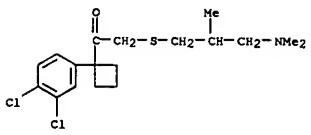
CM 1

CRN 161189-99-7
CMF C17 H23 Cl2 N O S



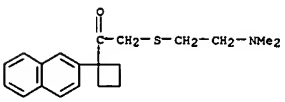
● HCl

RN 161190-17-6 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)-2-methylpropyl]thio]-, hydrochloride (9CI) (CA INDEX NAME)



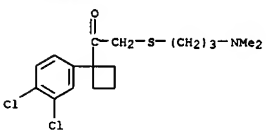
● HCl

RN 161190-18-7 CAPLUS
CN Ethanone, 2-[[2-(dimethylamino)ethyl]thio]-1-[1-(2-naphthalenyl)cyclobutyl]-, hydrochloride (9CI) (CA INDEX NAME)



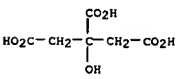
● HCl

RN 161190-19-8 CAPLUS
CN Ethanone, 1-[1-(3-chlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]-, hydrochloride (9CI) (CA INDEX NAME)

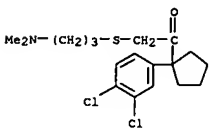


CM 2

CRN 77-92-9
CMF C6 H8 O7

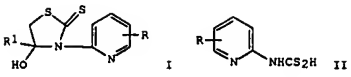


RN 161190-27-8 CAPLUS
CN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclopentyl]-2-[[3-(dimethylamino)propyl]thio]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L18 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS
GI



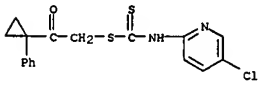
AB Thiazolidinethiones I [R = H, 4-, 5-, 6-halo; R1 = C2-4 alkyl, alkylamino, dialkylamino, carbamoyl, alkylcarbamoyl, dialkylcarbamoyl, dialkoxymethyl, bis(alkylthio)methyl, alkylsulfonylmethyl, phenylthiomethyl, 1-phenylcyclopropyl, 1-methylcyclohexyl, 1-naphthyl, heterocyclyl], useful as anthelmintics, were prepd. by the reaction of R1COCH2X (X = halo) and pyridyldithiocarbamate II. Thus, to a suspension of 5.42 g II.Et3N (R = H) in MeCN at 28.degree. was added 4.9 g PhSCH2COCH2Br in MeCN at 20-28.degree.. After reaction for 2 h at 20-28.degree., 5.50 g I (R = H, R1 = PhSCH2) was obtained.

ACCESSION NUMBER: 1981:65670 CAPLUS
DOCUMENT NUMBER: 94:65670
TITLE: 4-Hydroxythiazolidine-2-thione derivatives
PATENT ASSIGNEE(S): Rhone-Poulenc Industries S. A., Fr.
SOURCE: Belg., 26 pp. Addn. to Belg. 867,128.
CODEN: BEXXAL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BE 879785	A4	19800430	BE 1979-197936	19791031
FR 2440368	A2	19800530	FR 1978-31039	19781102
FR 2464954	A2	19810320	FR 1979-22793	19790912
DK 7904364	A	19810313	DK 1979-4364	19791016
ZA 7905832	A	19801029	ZA 1979-5832	19791031

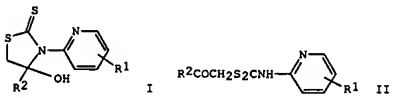
PRIORITY APPLN. INFO.: BE 1978-867128 19780516
FR 1978-31039 19781102
FR 1979-22793 19790912

IT 75272-08-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 75272-08-1 CAPLUS
CN Carbamodithioic acid, (5-chloro-2-pyridinyl)-, 2-oxo-2-(1-phenylcyclopropyl)ethyl ester (9CI) (CA INDEX NAME)



L18 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS (Continued)

L18 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS
GI



AB The title compds., I and/or II were prepd. and tested for anthelmintic activity. The compds. exist predominantly in the tautomeric form I when R1 = H, 4-, 5-, or 6-halo and R2 = (substituted) C2-4 alkyl, dialkoxymethyl, alkylsulfonylmethyl, PhSCH2, (substituted) Ph, dithiolanyl, thienyl, 2- or 4-pyridyl; when R1 = H, halogen, and R2 = phenylcyclopropyl, methylcyclohexyl, (HO)2C6H3, 1-C10H7, 3-pyridyl, dihydrodithienyl, etc., the tautomeric form II predominates. Thus, triethylammonium 2-pyridyldithiocarbamate reacted with BrCH2COCH2SPh in MeCN to give I (R1 = H, R2 = PhSCH2).

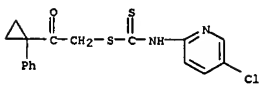
ACCESSION NUMBER: 1980:586335 CAPLUS
DOCUMENT NUMBER: 93:186335
TITLE: 4-Hydroxy thiazolidine-2-thione derivatives
INVENTOR(S): Bourzat, Jean Dominique; Farge, Daniel; Leger, Andre; Ponsinet, Gerard
PATENT ASSIGNEE(S): Rhone-Poulenc Industries S. A., Fr.
SOURCE: Ger. Offen., 36 pp. Addn. to Ger. Offen. 2,821,555.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2944342	A1	19800508	DE 1979-2944342	19791102
FR 2440368	A2	19800530	FR 1978-31039	19781102
FR 2464954	A2	19810320	FR 1979-22793	19790912
DK 7904364	A	19810313	DK 1979-4364	19791016
NL 7907862	A	19800507	NL 1979-7862	19791025
AU 7952377	A1	19800508	AU 1979-52377	19791031
GB 2034712	A	19800611	GB 1979-37711	19791031
JP 55108870	A2	19800821	JP 1979-142702	19791031
ZA 7905832	A	19801029	ZA 1979-5832	19791031
SE 7909082	A	19800503	SE 1979-9082	19791101
ES 485652	A2	19800616	ES 1979-485652	19791102
AT 7907066	A	19810415	AT 1979-7066	19791102

PRIORITY APPLN. INFO.: FR 1978-31039 19781102
FR 1979-22793 19790912

IT 75272-08-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 75272-08-1 CAPLUS
CN Carbamodithioic acid, (5-chloro-2-pyridinyl)-, 2-oxo-2-(1-phenylcyclopropyl)ethyl ester (9CI) (CA INDEX NAME)

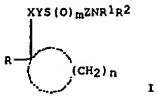
L18 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS (Continued)



```
=>  fil reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    20.23     205.54

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.60      -4.55

FILE 'REGISTRY' ENTERED AT 13:31:38 ON 17 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   16 APR 2003  HIGHEST RN 503266-82-8
DICTIONARY FILE UPDATES:  16 APR 2003  HIGHEST RN 503266-82-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
```

```
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:              5 TO      234
PROJECTED ANSWERS:                 0 TO        0

L20           0 SEA SSS SAM L19

=> s l19 full
FULL SEARCH INITIATED 13:32:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     49 TO ITERATE

100.0% PROCESSED      49 ITERATIONS                                8 ANSWERS
SEARCH TIME: 00.00.01

L21           8 SEA SSS FUL L19

=> fil caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   148.55     354.09

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -4.55

FILE 'CAPLUS' ENTERED AT 13:32:54 ON 17 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
```

L22 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
GI



I

AB Compds. I [m = 0-2; n = 2-5; X = carbonyl,C(R5)(OH) (R5 = H, alkyl); Y = (alkyl-substituted) alkylene; Z = (alkyl-substituted) C2-5 alkylene; R = (halo-substituted) Ph, naphthyl; R1, R2 = H, alkyl, arylalkyl, provided that when R1 is benzyl, R2 is H or methyl], and pharmaceutically acceptable salts thereof, have utility in the treatment of drug misuse or other addictive disorders.

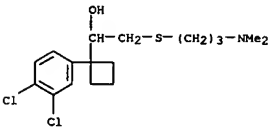
ACCESSION NUMBER: 2001:31323 CAPLUS
DOCUMENT NUMBER: 134:95524
TITLE: Cyclic ethanone and ethanol derivatives for the treatment of drug misuse or other addictive disorders
INVENTOR(S): Luscombe, Graham Paul; Needham, Patricia Lesley
PATENT ASSIGNEE(S): Knoll Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001001979	A1	20010111	WO 2000-EP5736	20000621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1198229	A1	20020424	EP 2000-943853	20000621
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003503452	T2	20030128	JP 2001-507472	20000621

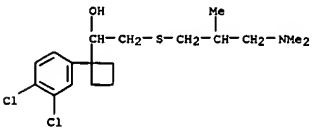
PRIORITY APPLN. INFO.: GB 1999-15617 A 19990705
WO 2000-EP5736 W 20000621

OTHER SOURCE(S): MARPAT 134:95524
IT 161189-98-6 161189-98-6D, enantiomers
161190-01-8 161190-01-8D, enantiomers
161190-07-4 161190-07-4D, enantiomers
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES

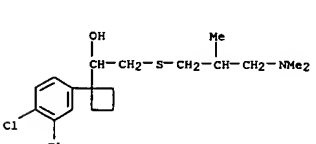
L22 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 161190-07-4 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)-2-methylpropyl]thio]methyl]- (9CI) (CA INDEX NAME)



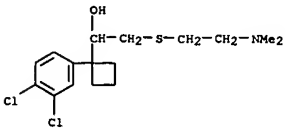
RN 161190-07-4 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)-2-methylpropyl]thio]methyl]- (9CI) (CA INDEX NAME)



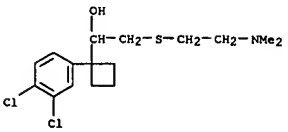
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)
(Uses)
(cyclic ethanone and ethanol derivs. for treatment of drug misuse or other addictive disorder)

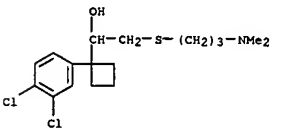
RN 161189-98-6 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[2-(dimethylamino)ethyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 161189-98-6 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[2-(dimethylamino)ethyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 161190-01-8 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)propyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 161190-01-8 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)propyl]thio]methyl]- (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
GI For diagram(s), see printed CA Issue.

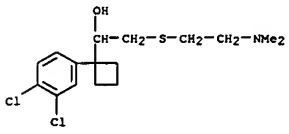
AB Title compds. [I; m = 0-2; n = 2-5; X = CO, CH(OH)R5; R5 = H, alkyl; Y, Z = (alkyl-substituted) alkylene; R = (substituted) Ph, naphthyl; R1, R2 = H, alkyl, arylalkyl; when R1 = benzyl, then R2 = H, Me], were prepd. I are useful in treatment of depression, anxiety, Parkinson's disease, obesity, cognitive disorders, seizures, neurol. disorders such as epilepsy, and as neuroprotective agents to protect against conditions such as stroke. Thus, 1-(3,4-dichlorophenyl)cyclobutanecarbonitrile reacted with MeMgI in Et2O to give 1-[1-(3,4-dichlorophenyl)cyclobutyl]ethanone. This was treated with Br2 in MeOH/CHCl3 to give 2-bromo-1-[1-(3,4-dichlorophenyl)cyclobutyl]ethanone, which was stirred with 2-(dimethylamino)ethanethiol hydrochloride in EtOH to give an oil which was treated with HCl in Et2O to give 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[2-(dimethylamino)ethylthio]ethanone hydrochloride. This showed ED50 = 8.5 mg/kg for inhibition of reserpine-induced ptosis in rats.

ACCESSION NUMBER: 1995:380315 CAPLUS
DOCUMENT NUMBER: 122:160268
TITLE: Preparation of arylcycloalkyl sulfides, sulfoxides and sulfones for the treatment of depression, anxiety, Parkinson's disease. etc.
INVENTOR(S): Harris, Paul John; Heal, David John
PATENT ASSIGNEE(S): Boots Co. PLC, UK
SOURCE: PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

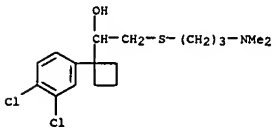
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9426704	A1	19941124	WO 1994-EP1494	19940507
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2162706	AA	19941124	CA 1994-2162706	19940507
AU 9468433	A1	19941212	AU 1994-68433	19940507
AU 681669	B2	19970904		
BR 9406577	A	19960130	BR 1994-6577	19940507
EP 715620	A1	19960612	EP 1994-916944	19940507
EP 715620	B1	19981028		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 08510222	T2	19961029	JP 1994-524946	19940507
AT 172719	E	19981115	AT 1994-916944	19940507
ES 2124411	T3	19990201	ES 1994-916944	19940507
PL 176400	B1	19990531	PL 1994-311628	19940507
RU 2135467	C1	19990827	RU 1995-122740	19940507
RO 115519	B1	20000330	RO 1995-1958	19940507
SK 281257	B6	20010118	SK 1995-1407	19940507
ZA 9403241	A	19941114	ZA 1994-3241	19940511
IN 178003	A	19970301	IN 1994-MA393	19940511
IL 109635	A1	19980310	IL 1994-109635	19940512
FI 9505429	A	19960103	FI 1995-5429	19951110
NO 9504542	A	19960110	NO 1995-4542	19951110
US 5652271	A	19970729	US 1995-545752	19951222

PRIORITY APPLN. INFO.: GB 1993-9749 A 19930512
WO 1994-EP1494 W 19940507
OTHER SOURCE(S): MARPAT 122:160268
IT **161189-98-6P 161190-01-8P 161190-07-4P**
161190-14-3P 161190-22-3P 161190-23-4P
161190-24-5P 161190-25-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of arylcycloalkyl sulfides and sulfoxides and sulfones for
treatment of depression and anxiety and Parkinson's disease)

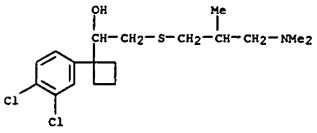
RN 161189-98-6 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[2-(dimethylamino)ethyl]thio]methyl]- (9CI) (CA INDEX NAME)



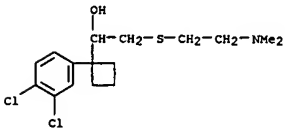
RN 161190-01-8 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)propyl]thio]methyl]- (9CI) (CA INDEX NAME)



RN 161190-07-4 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)-2-methylpropyl]thio]methyl]- (9CI) (CA INDEX NAME)



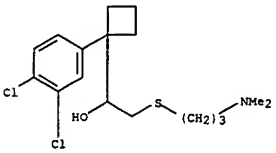
RN 161190-14-3 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[2-(dimethylamino)ethyl]thio]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 161190-22-3 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)propyl]thio]methyl]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

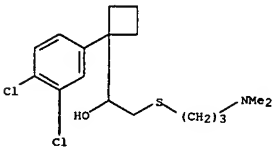


RN 161190-23-4 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)propyl]thio]methyl]-, (-)-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

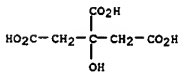
CRN 161190-22-3
CMF C17 H25 Cl2 N O S

Rotation (-).



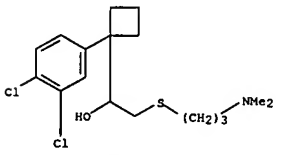
CM 2

CRN 77-92-9
CMF C6 H8 O7



RN 161190-24-5 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)propyl]thio]methyl]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

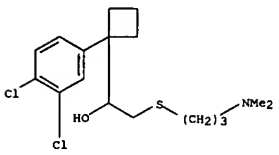


RN 161190-25-6 CAPLUS
CN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)propyl]thio]methyl]-, (+)-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

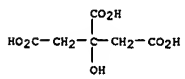
CRN 161190-24-5
CMF C17 H25 Cl2 N O S

Rotation (+).



CM 2

CRN 77-92-9
CMF C6 H8 O7



=> logoff y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.32	364.41

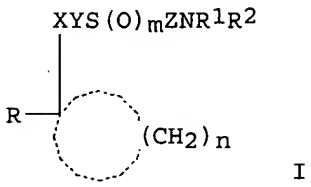
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.30	-5.85

STN INTERNATIONAL LOGOFF AT 13:34:53 ON 17 APR 2003

10/019,802

all cmpds of authors PCT

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
GI



I

AB Compds. I [m = 0-2; n = 2-5; X = carbonyl,C(R5)(OH) (R5 = H, alkyl); Y = (alkyl-substituted) alkylene; Z = (alkyl-substituted) C2-5 alkylene; R = (halo-substituted) Ph, naphthyl; R1, R2 = H, alkyl, arylalkyl, provided that when R1 is benzyl, R2 is H or methyl], and pharmaceutically acceptable salts thereof, have utility in the treatment of drug misuse or other addictive disorders.

ACCESSION NUMBER: **2001:31323** CAPLUS
DOCUMENT NUMBER: 134:95524
TITLE: Cyclic ethanone and ethanol derivatives for the treatment of drug misuse or other addictive disorders
INVENTOR(S): Luscombe, Graham Paul; Needham, Patricia Lesley
PATENT ASSIGNEE(S): Knoll Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001001979	A1	20010111	WO 2000-EP5736	20000621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1198229	A1	20020424	EP 2000-943853	20000621
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003503452	T2	20030128	JP 2001-507472	20000621

PRIORITY APPLN. INFO.: GB 1999-15617 A 19990705
WO 2000-EP5736 W 20000621
OTHER SOURCE(S): MARPAT 134:95524
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> select rn
ENTER ANSWER SET OR SMARTSELECT L# OR (L13):l13
ENTER ANSWER NUMBER OR RANGE (1-):1-
E1 THROUGH E22 ASSIGNED

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	31.75	31.96

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.95	-1.95

FILE 'REGISTRY' ENTERED AT 13:20:45 ON 17 APR 2003

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 APR 2003 HIGHEST RN 503266-82-8
DICTIONARY FILE UPDATES: 16 APR 2003 HIGHEST RN 503266-82-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

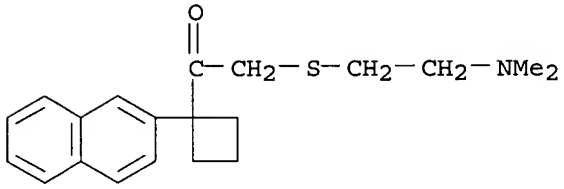
Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> s e1-e22
1 161189-94-2/BI
(161189-94-2/RN)
1 161189-98-6/BI
(161189-98-6/RN)
1 161190-01-8/BI
(161190-01-8/RN)
1 161190-02-9/BI
(161190-02-9/RN)
1 161190-07-4/BI
(161190-07-4/RN)
1 161189-93-1/BI
(161189-93-1/RN)
1 161189-95-3/BI
(161189-95-3/RN)
1 161189-96-4/BI
(161189-96-4/RN)
1 161189-97-5/BI
(161189-97-5/RN)
1 161189-99-7/BI
(161189-99-7/RN)
1 161190-00-7/BI
(161190-00-7/RN)
1 161190-03-0/BI
(161190-03-0/RN)
1 161190-04-1/BI
(161190-04-1/RN)
1 161190-05-2/BI
(161190-05-2/RN)
1 161190-06-3/BI
(161190-06-3/RN)
1 161190-08-5/BI
(161190-08-5/RN)

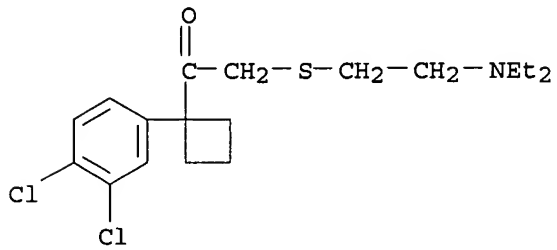
```
             1 300-62-9/BI
               (300-62-9/RN)
             1 42542-10-9/BI
               (42542-10-9/RN)
             1 50-36-2/BI
               (50-36-2/RN)
             1 53-21-4/BI
               (53-21-4/RN)
             1 54-11-5/BI
               (54-11-5/RN)
             1 64-17-5/BI
               (64-17-5/RN)
L14         22 (161189-94-2/BI OR 161189-98-6/BI OR 161190-01-8/BI OR 161190-02
               -9/BI OR 161190-07-4/BI OR 161189-93-1/BI OR 161189-95-3/BI OR
               161189-96-4/BI OR 161189-97-5/BI OR 161189-99-7/BI OR 161190-00-
               7/BI OR 161190-03-0/BI OR 161190-04-1/BI OR 161190-05-2/BI OR
               161190-06-3/BI OR 161190-08-5/BI OR 300-62-9/BI OR 42542-10-9/BI
                OR 50-36-2/BI OR 53-21-4/BI OR 54-11-5/BI OR 64-17-5/BI)

=> d scan

L14  22 ANSWERS   REGISTRY  COPYRIGHT 2003 ACS
IN   Ethanone, 2-[[2-(dimethylamino)ethyl]thio]-1-[1-(2-
     naphthalenyl)cyclobutyl]- (9CI)
MF   C20 H25 N O S
CI   COM
```

514/579
646
649
650

564/305
336
337
338
339



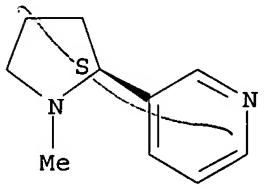
```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):21

L14  22 ANSWERS   REGISTRY  COPYRIGHT 2003 ACS
IN   Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-
     (diethylamino)ethyl]thio]- (9CI)
MF   C18 H25 Cl2 N O S
CI   COM
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

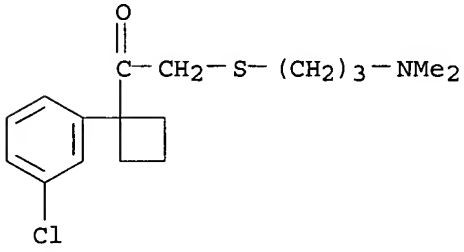
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Pyridine, 3-[(2S)-1-methyl-2-pyrrolidinyl]- (9CI)
MF C10 H14 N2
CI COM

Absolute stereochemistry. Rotation (-).



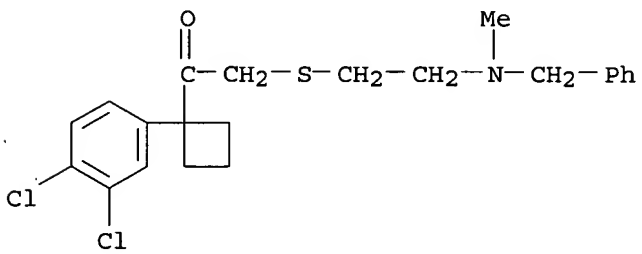
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3-chlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI)
MF C17 H24 Cl N O S
CI COM



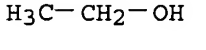
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-[methyl(phenylmethyl)amino]ethyl]thio]- (9CI)
MF C22 H25 Cl2 N O S
CI COM



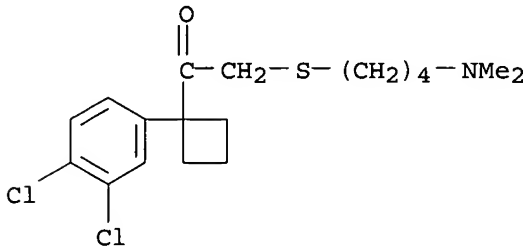
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanol (9CI)
MF C2 H6 O
CI COM



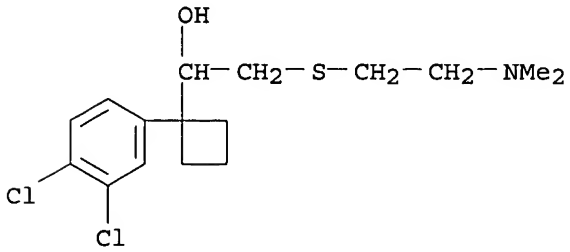
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[4-(dimethylamino)butyl]thio]- (9CI)
MF C18 H25 Cl2 N O S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

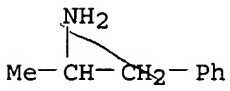
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[2-(dimethylamino)ethyl]thio]methyl]- (9CI)
MF C16 H23 Cl2 N O S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

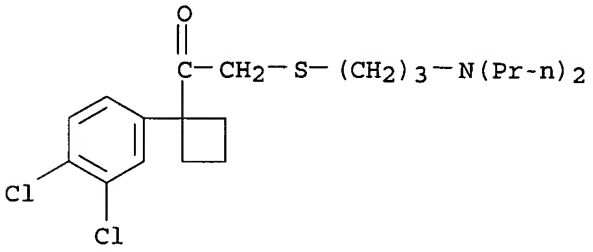
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzeneethanamine, .alpha.-methyl- (9CI)
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT

MF C9 H13 N
CI COM



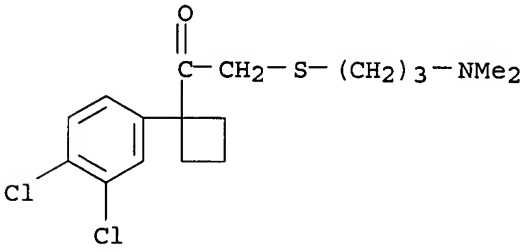
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dipropylamino)propyl]thio]- (9CI)
MF C21 H31 Cl2 N O S



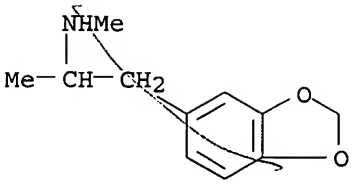
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI)
MF C17 H23 Cl2 N O S
CI COM



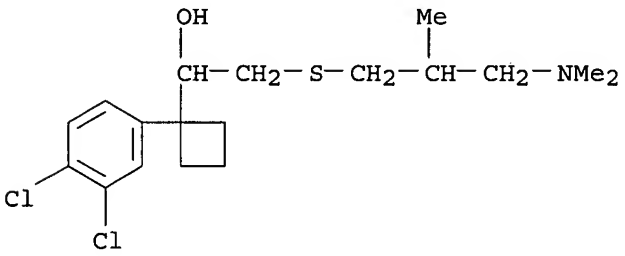
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 1,3-Benzodioxole-5-ethanamine, N,.alpha.-dimethyl- (9CI)
MF C11 H15 N O2
CI COM



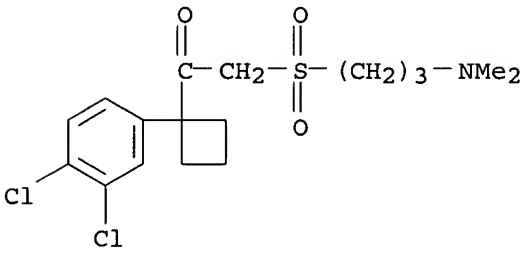
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)-2-methylpropyl]thio]methyl]- (9CI)
MF C18 H27 Cl2 N O S



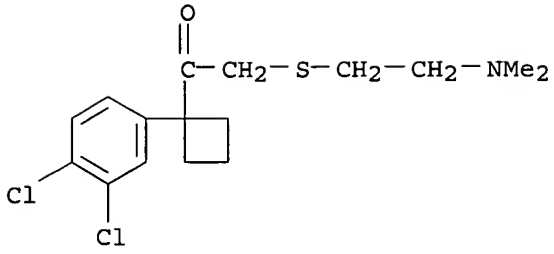
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)propyl]sulfonyl]- (9CI)
MF C17 H23 Cl2 N O3 S
CI COM



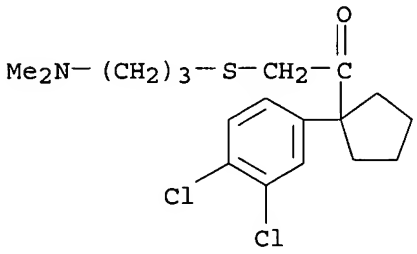
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]thio]- (9CI)
MF C16 H21 Cl2 N O S
CI COM



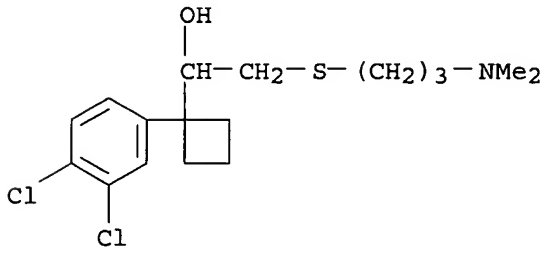
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclopentyl]-2-[[3-(dimethylamino)propyl]thio]- (9CI)
MF C18 H25 Cl2 N O S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

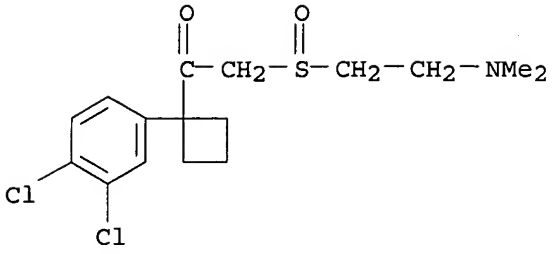
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Cyclobutanemethanol, 1-(3,4-dichlorophenyl)-.alpha.-[[[3-(dimethylamino)propyl]thio]methyl]- (9CI)
MF C17 H25 Cl2 N O S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfinyl]- (9CI)
MF C16 H21 Cl2 N O2 S

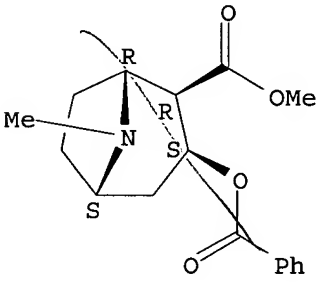
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

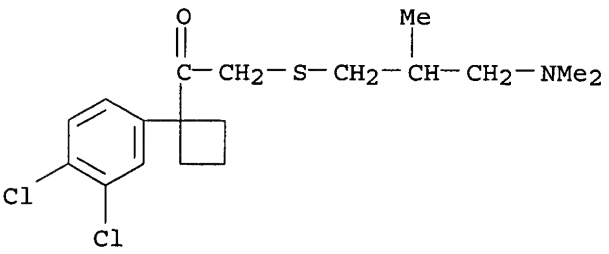
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 3-(benzoyloxy)-8-methyl-, methyl ester, (1R,2R,3S,5S)- (9CI)
MF C17 H21 N O4
CI COM

Absolute stereochemistry. Rotation (-).



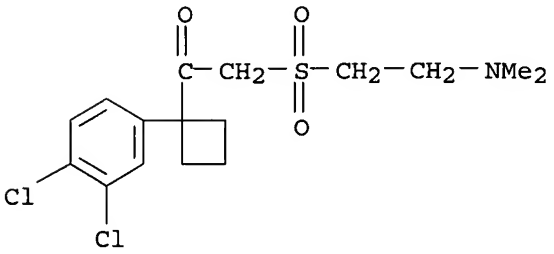
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[3-(dimethylamino)-2-methylpropyl]thio]- (9CI)
MF C18 H25 Cl2 N O S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

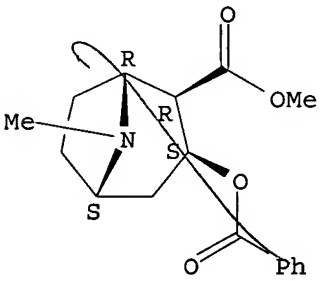
L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Ethanone, 1-[1-(3,4-dichlorophenyl)cyclobutyl]-2-[[2-(dimethylamino)ethyl]sulfonyl]- (9CI)
MF C16 H21 Cl2 N O3 S
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 3-(benzoyloxy)-8-methyl-, methyl ester, hydrochloride, (1R,2R,3S,5S)- (9CI)
MF C17 H21 N O4 . Cl H
CI COM

Absolute stereochemistry. Rotation (-).



● HCl

ALL ANSWERS HAVE BEEN SCANNED